

North Liberty Elementary School
400 School Drive #539
North Liberty, Indiana 46554
574-656-8123

2020-2021

Corporation Number: 7150
School Number: 7456
Grades: KDG-6
Enrollment Approximately: 515

Chris Winchell, Superintendent

Christian Mattix, President, Board of School Trustees

Kathy Snyder and Pat Crone, Co-President, Education Association

Randy Romer, Principal

Strategic and Continuous School Improvement and Achievement Plan

SUBMITTAL FORM

Complete this form and attach one copy of the school improvement plan that is submitted to the Department of Education on or before October 12, 2020.

County #72 School Corporation #7150 School #7456

School Name North Liberty Elementary School

School Corporation Name John Glenn School Corporation

City North Liberty

Principal Name Randy Romer

Principal Telephone # School (574) 656-8123

Date this school improvement plan was “established by the local governing body” this must be no later than September 15, 2017

The following components are required State Board of Education rules. Our school’s plan included each of the required components on the page(s) indicated below:

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School Information

North Liberty Elementary School Mission Statement

North Liberty Elementary School provides opportunities to meet educational and developmental needs of all students, instills personal identity and a sense of belonging for each student that enables them to be successful. The students, parents, and community are encouraged to work with the staff in order to share the responsibility of presenting learning as a lifelong process.

North Liberty Elementary School Philosophy

We **believe** that North Liberty Elementary School exists to provide a program that will meet the educational and developmental needs of students regardless of race, belief, economic status, or physical handicap. Every student should have opportunities for the fullest development in mental, social, physical, creative, and emotional areas. Each student should have guidance to develop attitudes, knowledge, and skills essential for effective citizenship in a democratic society.

We **realize** that our students differ in abilities, aptitudes, interests, and ambitions. Home and community environments contribute to these differences. We believe the education of young people requires the coordinated efforts of both school and home. We also believe the school should supplement rather than

supplant the home.

We **strive** for a continuum through our educational process, whereby the student develops a personal identity, a sense of belonging, and an awareness of self and others, which will enable the student to be successful throughout his or her educational experience.

North Liberty School Improvement Team

Principal

Randy Romer

Chair

Pat Crone

Staff Members

Amy Weiss

Leslie Irish

Emily Hess

Parent/Community Member

Kris Tolleson

North Liberty Certified Staff

Principal

Randy Romer

School Counselor

Melanie Heiser

Stephanie Reynolds

Kindergarten

Sarah Martin

Kaylee Lemert

Brittney Savill

1st

Nicki Buss

Carla Gurtner

Amy Strong

2nd

Sandra Anderson

Jeanna Burch

Laurie Morris

3rd

Emily Hess

TBA

Sharon Yelaska

4th

Sarah Cuskaden

Kim Kosinski

Dawn Marks

5th

Amanda Smith

Kim Tokoly

Jennifer Traub

6th

Pat Crone
Christine Houston
Michele Weiss

Resource Teachers

Leslie Irish
Dena Leodanski

Band and Music

Kyle Vogelee

Art

Lyn Sumpter

Physical Education

Cristyn Messick

High Ability Coordinator

Patricia Braun

Title 1 Director

Amy Weiss

Speech Pathologist

Beth Allsop

Special Education Staff

Christin Hannah
Stacy Pecsí
Dominique Schwenk

North Liberty Classified Staff

Secretary

Kris Tolleson

Secretary/Treasurer

Melita Beeney

Nurse

Ami Mappes

Technology Facilitator

Kelli Craft

Cafeteria Staff

Kim Bers

Brenda Cisney

Melinda Frick

Michelle Helming

Melissa Scott

Custodial Staff

Ollie Frazier

Lydia Henry

Jack O'Connor

Before/After School Care Director

Charman Dreessen

Before/After School Care Aides

Chantel Beeney

Demi Ennis

Ryley Miller

Gabriel Weiss

Abby Morton

Ashley Bonhke

Brenna Eggendorfer

Brenna Perry

Kayla Perry

Mariah Plunkett

Morgan Plunkett

Christine Burdick

Media Center Aide

Jane McGaughey

Instructional Aides

Courtney Dubie

Jessica Stafford

Mary Carrin

Rebecca Matthews

Melissa McNeill

Cara Oakley

Jodi Ross

Amanda Ciula

Gail West

College and Career Aide

TBA

Title 1 Aides

Kelly Stanley

Julie MacLeod

Patricia Vickers

Real Service Classroom Aides

Sandra Beuley

Pam Elkin

Who we are...

Updated state statistics may be found at <https://inview.doe.in.gov/schools/1071507456/profile>
The community of North Liberty is located 15 miles south of South Bend and currently has a population of 1,896. The population of Liberty Township is 3,839. These figures are based on the 2010 census.

North Liberty Elementary is part of the John Glenn School Corporation, which is located mainly in southern St. Joseph County and includes parts of Marshall and LaPorte Counties, and the communities of Walkerton, North Liberty, Tyner and Teegarden. The total population served by the school corporation is approximately 9,917. This figure is from the Indiana Department of Education.

North Liberty Elementary School, prior to 1981, was part of the South Bend Community School Corporation and the facility housed a high school and elementary school. After seceding from the South Bend School Corporation, North Liberty School became a member of the Polk-Lincoln-Johnson School Corporation, which became known as the John Glenn School Corporation. The North Liberty facility was converted to a middle and elementary school serving students in grades K-8. In 1988, the corporation moved grades 7 and 8 to Urey Middle School, allowing North Liberty to become an elementary school. In 1999-2000, the building went through a renovation, adding six new classrooms and a new office area. The entire building was air conditioned and carpeted.

At present, North Liberty Elementary School (NLES) consists of grades K-6, with an enrollment of 515 students. It is one of two elementary schools in the John Glenn School Corporation (JGSC), the other being Walkerton Elementary School (WES). The corporation has one middle school, Urey Middle School (UMS), with grades 7 and 8, and John Glenn High School (JGHS) containing grades 9-12. The school corporation has an enrollment of 1,946.

Free Lunch

Year	Paid Lunch	Reduced Lunch	Free Lunch
05-06	73.7%	9.7%	16.6%
06-07	71.6%	6.8%	21.5%
07-08	71.2%	7.8%	21.1%
08-09	70.4%	6.8%	22.8%
09-10	63.1%	9.0%	28.7%
10-11	61.0%	8.3%	30.6%
11-12	58.5%	8.4%	32.9%
12-13	56.5%	10.5%	33.0%
13-14	59.0%	9.0%	31.9%
14-15	60.3%	9.2%	30.5%
15-16	62.3%	10.1%	27.6%
16-17	62.7%	9.8%	27.5%
17-18	64.4%	5.7%	29.9%
18-19	58.9%	10.1%	31.0%
19-20	59.8%	7.6%	32.6%
20-21 (projected)	55%	9%	36%

Ethnic Break

Year	Native American		Black		Asian		Hispanic		White		Multi-Racial	
07-08	0	0%	1	0.2%	0	0%	6	1.3%	461	97.1%	7	1.5%
08-09	3	0.6%	0	0%	1	0.2%	7	1.4%	471	96.7%	5	1%
09-10	2	0.4%	0	0%	1	0.2%	8	1.6%	483	96.2%	8	1.5%
10-11	6	1.2%	0	0%	4	0.8%	17	3.3%	473	92%	16	3.1%
11-12	3	0.6%	2	0.4%	1	0.2%	18	3.6%	455	91.5%	18	3.6%
12-13	3	0.6%	1	0.2%	2	0.4%	21	4.0%	476	91.2%	19	3.6%
13-14	4	0.8%	1	0.2%	1	0.2%	20	3.8%	476	91.5%	18	3.5%
14-15	1	0.2%	0	0%	0	0%	23	4.3%	489	92.1%	18	3.4%
15-16	1	0.2%	2	0.4%	0	0%	25	4.8%	472	89.9%	25	4.8%
16-17	2	0.4%	5	0.9%	0	0%	21	3.9%	490	90.4%	24	4.4%
17-18	2	0.4%	3	0.6%	0	0%	15	3.0	463	91.7	22	4.4%
18-19	2	0.4%	5	0.9%	0	0%	22	4.1%	484	90.8%	20	3.8%
19-20	1	0.2%	6	1.0%	0	0%	24	4.5%	482	90.5%	21	3.9%
20-21 (projected)	1	0.2%	6	1.0%	0	0%	24	4.5%	482	90.5%	21	3.9%

Staffing

The North Liberty staff consists of a full-time principal, full time counselor, media center aide, an art teacher, a music teacher, a physical education teacher, one full time nurse, a building technology facilitator aide, and twenty-one regular education classroom teachers. North Liberty staff also includes one secretary, one treasurer, nine instructional aides, six cooks, three custodians, and six bus drivers. The following staff is shared with other schools in the John Glenn School Corporation: District Technology Facilitator, High Ability Coordinator, Career Counselor, Career Counselor Aide, and a Title 1 Coordinator/Instructor. NLES is part of the JESSE (Joint Educational Services in Special Education) co-op and provides guidance to keep current with Article 7. For NLES the co-op provides full-time services of a speech pathologist,

one shared of each of the following: physical therapist, occupational therapist, hearing impaired teacher, and school based therapist. NLES is one of two options for education of students in the North Liberty community. Students also have the option to attend the North Liberty Church of Christ K-6 school.

NLES has qualified since the 2010-2011 school year participating in the federally funded Title I program. It serves grades K-3 in reading. NLES complies with all of the guidelines provided by the IDOE. Title I at NLES employs the following staff: shared certified teacher/director and three highly qualified paraprofessionals.

North Liberty Programs

North Liberty provides before and after school care for students and has implemented Minds in Motion, St. Joseph County sponsored Environmental Education Program, sixth grade Junior Achievement Program, North Liberty Fire Prevention Program, Tri-Kappa sponsored Writing, Veteran's Day Program, and a College and Career Readiness Program.

A few of the programs developed by the staff with the help and support of the community, the Falcon 500 Club, and the North Liberty Parent-Teacher Organization include: Student Council, Athletic Teams, Academic Teams, Science Fair, Athletic Camps, Summer School, School Sponsored Summer Reading Incentive Program, Outdoor Lab, Honor Roll Breakfast, Book Fair, Book-It, the bi-annual Washington D.C trip (taken over summer vacation), Real Services Foster Grandparent program, Robotics, PLTW, Title I Family activities, and John Glenn High School Cadet Teacher Program.

The community offers Boy Scouts, Cub Scouts, 4-H, Girl Scouts, Little League, travel athletic leagues, and a summer reading program through the St. Joseph County Public Library located in North Liberty.

Description and Location of Curriculum

North Liberty Elementary School offers a standard elementary curriculum based on the Indiana Academic Standards (IAS) with supplemental programs offered to enrich and remediate the learning experience. Copies of this curriculum can be found on:

- www.jgsc.k12.in.us
- www.doe.in.gov
- John Glenn School Corporation Office
- Principal's Office
- Classrooms
- Online Harmony Lesson Plans

Title and Description of Assessment Instruments

Standardized and Computerized Assessments

ILEARN measures student achievement and growth according to Indiana Academic Standards. ILEARN is the summative accountability assessment for Indiana students in grades 3-8. English/Language Arts (Grades 3-8), Mathematics (Grade 3-8), Science (Grades 4 and 6), Social Studies (Grade 5).

GRADE/GMADE are academic achievement tests to show benchmarks and progress in reading and math as needed.

IREAD3 is the IDOE developed assessment of reading skills at the third grade level. The data obtained from IREAD3 is used to determine eligibility for promotion to 4th grade.

mCLASS: Reading 3-D (Grade KDG - 2 and 3 as needed) is a one on one assessment tool that combines indicators of foundational/skills development with a running-record Text Reading and Comprehension (TRC) diagnostic to determine how students find meaning in text for a snapshot of each student.

Textbook Assessments are given throughout the year to draw baselines for student placement, and monitor student progress on Indiana Academic Standards for language arts and math programs. Each grade level utilizes research based programs which are aligned with the Indiana Academic Standards. Our curriculum textbooks include Ready Reading, Ready Math, Units of Study Lucy Calkins, and Ready/iReady Math and Reading Diagnostics.

Classroom Assessments

- Teacher-made tests
- Student self-assessment
- Portfolios
- Interactive Journals
- Teacher observation and anecdotal assessment
- Performance-based assessments
- Blended learning with periodical diagnostics

Reports

- Annual Parent-Teacher conferences
- Attendance Rate
- Mid-term Progress Reports
- Nine Week Report Cards
- Harmony Classroom live, accessible, Reports-Online

Staff Evaluation Model

Indiana Department of Education John Glenn RISE Evaluation and Development System with Administration is trained in using the RISE model. JGSC currently utilizes Standards for Success as its platform for teacher evaluations. This provides educators with a web-based tool that customizes the school's particular needs.

Parent Participation

North Liberty Elementary School works with parents in the following ways:

- Classroom weekly newsletters
- Parent Teacher Organization (PTO) monthly newsletter
- PTO steering committee monthly meetings
- Harmony web-based Homework posting
- Scholastic Book Fair
- Open House
- Fun Fair
- Parent-Teacher Conferences
- Grandparents Week
- Athletic Events
- Tri Kappa Art Show
- Picture Day volunteers
- Library volunteers
- Lucky Shamrock Mentors
- Classroom Support
- Email staff at jgsc.k12.in.us for parent questions
- Honor Roll Breakfast
- Title I Parent Education Evenings
- School Wide Field Day
- Optional School-Wide Science Fair
- Robotics
- Concessions
- Host Regional Spell Bowl
- County - Young Author's Conference
- Young Author's Writing Competition
- PTO Lock-In
- PTO Teacher/Staff Appreciation Days
- PTO Santa's Workshop
- Hope Rescue - Thanksgiving Feast
- St. Jude's Children's Hospital Service Project
- Food Drive
- Field Trip Chaperones

Technology as a Learning Tool

North Liberty Elementary School integrates technology across the curriculum:

- One multi-media lab with 30 computers.
 - KDG-2nd Grade students are scheduled for a minimum of one thirty minute session each week.
 - 1:1 Chromebook for grades 3-6 students during the school day, 6th grade allowed take home with protective carrying cases
 - 1:1 iPad for grades K-2 students during the school day
- Every classroom has an interactive whiteboard with document camera
- Each teacher is assigned a desktop computer for classroom use and access to a laptop.
- Media Center has iPads for staff and student check-outs
- Digital cameras for staff use
- NLES uses the Google for Education platform for schoolwide and JGSC usage
- Teachers and students have access to online resources to accompany iReady Reading, iReady Math, Fusion, Time for Kids, Reading A-Z, Pearson Realize, and The Great Body Shop.
- Each of the above computers has the following: GMail, Harmony, Microsoft Office, Open Office, Google Chrome, Web-based programs, Accelerated Reader, and Canvas.
- We utilize Canvas platform as our extended learning site to communicate activities for students to complete during scheduled and emergency elearning days.

Safe and Disciplined Learning Environment

Safe School Measures

John Glenn School Corporation and North Liberty Elementary School have taken many steps toward ensuring a safe and disciplined learning environment. This has been done by developing the John Glenn School Corporation Crisis Response Manual, the North Liberty Elementary School Teachers' Manual, and the John Glenn Elementary Schools' Handbook. Within the context of these documents are plans and procedures for emergencies, staff and student conduct, and policies for guest involvement. JGSC recognizes the importance of including comprehensive research based counseling programs offered at all grade levels.

Camera system monitors are installed throughout the building and are digitally recorded.

- North Liberty Police Department provides NLES with a School Resource Officer with a minimum of eight hours per week
- North Liberty busses have digital recording camera systems.
- All outside doors are locked by 8:05 a.m.
- Visitors enter the front entrance doors utilizing the Airphone Security system and are required to report to the office, sign-in, and wear visitor badges.
- Parents and guests must check in at the office and wait for their child to be brought to the office for early dismissals.
- Volunteers are required to complete a background check prior to working with classrooms and students.
- Fire drills are conducted monthly, storm drills are conducted once per semester, and lockdown drills are conducted once per semester.
- Emergency evacuation plan exists with near and far primary and secondary shelters identified.
- North Liberty Police Department performs periodic security checks and random school visits.
- Classroom discipline plans written and communicated in writing to students and parents as well as posted inside every classroom..
- Indiana Anti-Bullying Law is publicly posted.
- School employees receive updates and annual training on the JGSC's prevention and intervention policies for anti-bullying practices.
- Research and evidenced based anti-bullying lessons provided by Counselor
- North Liberty Elementary School Handbook and webpage include Student Code of Conduct and policy and procedures for reporting student/safety and anti-bullying incidents.
- In School Suspension, After School Detention and Time-Out rooms are available

Student Achievement

All assessments during the 2019-2020 school year have been held harmless due to COVID-19 Pandemic. Therefore, we will use the most recent data to show growth. The data below shows percentage passing on the ISTEP+ test and ILearn. The trend data can be interpreted by looking at the same graduation class moving horizontally one year at a time. The data can also be read looking at each grade level in a vertical comparison.

English/Language Arts Pass % Trend Data

Class Of	3rd Grade	4th Grade	5th Grade	6th Grade
2028	63%			
2027	77.6%	65%		
2026	65.8%	72%	56%	
2025	70.4%	73.6%	57.1%	59%
2024	84%	73%	68.4	83.3%
2023		59.8%	63%	77.5%
2022			63.2%	74%
2021				68.8%

Math Pass % Trend Data

Class Of	3rd Grade	4th Grade	5th Grade	6th Grade
2028	73%			
2027	74.1%	80%		
2026	62%	73.3%	66%	
2025	54.1%	66.6%	80.9%	55%
2024	66.7%	66.6%	85.5%	79.1%
2023		56.1%	65.4%	64%
2022			83.1%	63.7%
2021				62.3%

Both ELA and Math Pass %

Class of	3rd Grade	4th Grade	5th Grade	6th Grade
2028	61.9%			
2027	68.2%	62.2%		
2026	51.9%	62.6%	44.7%	
2025	47.9%	58.3%	54.7%	43%
2024	64%	57.7%	64.5%	73.6%
2023		47.6%	52.4%	57.3%
2021			57.9%	58.8%
2020				55.8%

ILEARN data below provides a more specific Content Area/Academic Standard baseline score with the new state assessment.

Grade Three

3rd Grade 64 Students	English Language Arts
Content Area/Academic Standard	Achievement Category
Key Ideas and Textual Support/Vocabulary	Above 23% Near 61% Below 16%
Structural Elements and Organization/Connection of Idea/Media Literacy	Above 17% Near 66% Below 17%
Writing	Above 16% Near 59% Below 25%

	Math
Algebraic Thinking and Data Analysis	Above 41% Near 50% Below 9%
Computation	Above 52% Near 33% Below 16%
Geometry and Measurement	Above 38% Near 56% Below 6%
Number Sense	Above 31% Near 63% Below 6%

Grade 4

4th Grade 84 Students	English Language Arts
Content Area/Academic Standard	Achievement Category
Key Ideas and Textual Support/Vocabulary	Above 36% Near 50% Below 14%
Structural Elements and Organization/Connection of Idea/Media Literacy	Above 24% Near 62% Below 14%

Writing	Above 18% Near 63% Below 19%
	Math
Algebraic Thinking and Data Analysis	Above 37% Near 54% Below 10%
Computation	Above 50% Near 40% Below 10%
Geometry and Measurement	Above 42% Near 46% Below 12%
Number Sense	Above 46% Near 45% Below 8%

5th Grade

5th Grade 77 Students	English Language Arts
Content Area/Academic Standard	Achievement Category
Key Ideas and Textual Support/Vocabulary	Above 19% Near 61% Below 19%

Structural Elements and Organization/Connection of Idea/Media Literacy	Above 12% Near 70% Below 18%
Writing	Above 23% Near 58% Below 18%
	Math
Algebraic Thinking and Data Analysis	Above 31% Near 60% Below 9%
Computation	Above 27% Near 62% Below 10%
Geometry and Measurement	Above 30% Near 60% Below 10%
Number Sense	Above 34% Near 56% Below 10%

6th Grade

6th Grade 82 Students	English Language Arts
Content Area/Academic Standard	Achievement Category

Key Ideas and Textual Support/Vocabulary	Above 28% Near 51% Below 21%
Structural Elements and Organization/Connection of Idea/Media Literacy	Above 26% Near 55% Below 20%
Writing	Above 22% Near 61% Below 17%
	Math
Algebraic Thinking and Data Analysis	Above 39% Near 45% Below 16%
Computation	Above 35% Near 55% Below 10%
Geometry and Measurement	Above 33% Near 52% Below 15%
Number Sense	Above 29% Near 49% Below 22%

ILEARN % At or Above Proficient Comparing

NLES iReady % On or Above Grade Level

3rd Grade

ELA	State Average	i-Ready (Green)
-----	---------------	-----------------

63%	46%	59%
-----	-----	-----

Math	State Average	i-Ready (Green)
------	---------------	-----------------

73%	58%	61%
-----	-----	-----

4th Grade

ELA	State Average	i-Ready (Green)
-----	---------------	-----------------

65%	45%	59%
-----	-----	-----

Math	State Average	i-Ready (Green)
------	---------------	-----------------

80%	53%	77%
-----	-----	-----

5th Grade

ELA	State Average	i-Ready (Green)
-----	---------------	-----------------

56%	47%	40%
-----	-----	-----

Math	State Average	i-Ready (Green)
------	---------------	-----------------

66%	47%	60%
-----	-----	-----

6th Grade

ELA	State Average	i-Ready (Green)
-----	---------------	-----------------

59%	47%	58%
-----	-----	-----

Math	State Average	i-Ready (Green)
------	---------------	-----------------

55%	46%	56%
-----	-----	-----

Specific Areas Where Improvement is Needed Immediately

Current findings have identified a need to address:

- mathematical process and number sense deficits
- constructed and extended-response
- vocabulary development
- Adjust curriculum due to the impact of COVID-19 and the shorted school year as well as the extended learning utilized starting March 17, 2020 and finishing the school year on May 22, 2020 to complete 160 instructional days.

Student Achievement Strategies and Benchmarks

Goal #1: All students will show improvement in the overall writing process.

Essence of Goal

The essence of the goal includes:

1. The ability to generate a draft by developing, selecting, and organizing idea relevant to a topic (Gr. K-6)
2. The ability to edit writing for format and conventions (Gr. K-6)

Demonstration of Goal

Students shall demonstrate writing for different purposes and to a specific audience or person, such as:

1. the use of evidence-based writing.
2. the ability to apply reading standards to respond to a piece of literature and nonfiction text
3. The ability to use technology to interact and collaborate with others to publish

Intervention #1

Students will utilize appropriate materials and programs for the use of writing applications.

Strategies

1. Continue use of grade level writing prompts.
2. Grade level writing instruction on fundamental writing techniques.
3. Implement Ready Writing instructional lessons.
4. Utilize writing resources (i.e. Lucy Calkins Units of Study or Simple Six)
5. Utilize technology (i.e. Google platform, Canvas, typing applications on Chromebook)

Assessments

1. Continued evaluation of the use of writing prompts.
2. Frequent evaluation of fundamental writing techniques.
3. Evaluation of Ready Writing instructional lessons.

Results-Based Staff Development

1. Sharing successful approaches to Writing Applications at staff meetings as well as quarterly grade level data meetings.
2. Departmentalized team meetings, within the building as well as district wide.

Goal #2: All students will be able to determine or clarify the meaning of words and phrases.

Essence of Goal

The essence of this goal includes:

1. Students will be able to use text features and context clues to determine the meaning of unknown words.

Demonstration of Goal

Students shall:

1. Demonstrate mastery of vocabulary from weekly selection test.
2. Demonstrate mastery of grade level sight words.
3. Demonstrate mastery of academic vocabulary words.
4. Demonstrate mastery of vocabulary usage within sentences.

Intervention #1

Students will utilize appropriate materials and programs for the use of vocabulary development.

Strategies

1. Students will utilize Vocabulary and Spelling City online resources.
2. Students will use daily classroom implementation of I-Ready.
3. Students will use grade level writing prompts.
4. Students will be instructed using the Units of Study Common Core Writing curriculum.

Assessments

1. Students will take weekly vocabulary tests.
2. ILEARN Writing Application Scores
3. I-Ready reading diagnostic vocabulary domain
4. I-Ready Reading Standards Mastery

Results-Based Staff Development

1. Cooperative sharing of effective vocabulary strategies.
2. Cooperative sharing of information gained from conferences that enhance teaching methods on vocabulary.
3. Personalized Student I-Ready Instruction

Goal #3: All students will show improvement in the ability to analyze characteristics and properties of two- and three- dimensional geometric shapes and develop mathematical arguments about geometric relationships.

Essence of Goal

The essence of this goal includes:

1. Students will recognize, name, build, draw, compare, and sort two- and three-dimensional shapes. (K-6) and develop a vocabulary to describe the attributes of two- and three- dimensional shapes. (3-6)
2. Students will classify two- and three- dimensional shapes according to their properties and develop definitions of classes of shapes, such as triangles and pyramids. (3-6)
3. Students will investigate, describe and reason about the results of subdividing, combining, and transforming shapes. (3-6)

Demonstration of Goal

Students shall:

1. Recognize, name, build, draw, compare, and sort given shapes
2. Use vocabulary to describe given shapes
3. Will classify given shapes according to their properties
4. Give definitions of given shapes
5. Describe and reason the results of shape subdividing, combining, and transforming

Intervention #1

Students will utilize appropriate tools and process for recognizing, naming, creating, comparing, and sorting two- and three- dimensional shapes, as well as, identifying their attributes and properties.

Strategies

1. Ready Math Curriculum Instructional Strategies (manipulatives)
2. I-Ready Math Standards Mastery
3. I-Ready Math online personalized instruction up to 30-45 minutes per week

Assessments

1. ILEARN Assessment
2. Indiana Ready Math Assessment (Diagnostic 3 times a year)
3. Daily math instruction and hands-on activities

Results-Based Staff Development

1. Cooperative sharing for effective teaching strategies amongst grade levels.
2. Cooperative sharing of information gained from conferences that enhance teaching methods.
3. In-Service on mathematical instruction
4. Grade level data meetings
5. Departmentalized team meetings within building and district to impact the loss of instructional days in regards to COVID-19 pandemic and how it impacted instruction and achievement levels.

Professional Development

1. Sharing successful approaches to writing, vocabulary and geometric applications at staff meetings as well as grade level meetings.
2. Sharing successful approaches to writing, vocabulary and geometric applications at departmentalized meetings within building and district wide.
3. Cooperative sharing of information gained from conferences that enhance teaching methods on writing, vocabulary, and geometric applications .
4. Inservice on mathematical process and number sense instruction and assessment.
5. Quarterly grade level data meetings alongside Ready math, reading, and writing district consult.
6. Plan for gaps in learning for the start of the 2020-2021 school year. Provide instructional support to “catch up” on skills not taught in the spring of 2020.

Statutes and Rules to be Waived

North Liberty Elementary School is not requesting any statutes or rules to be waived at this time.

Three Year Timeline

2020-2021	Implementation, Review, and Revise <ul style="list-style-type: none">• Professional Development• Collection of relevant data from ILEARN, IREAD3, Harmony, mCLASS, iReady Math/Reading and Local Assessments• Comparison of pre and post data• Re-evaluate and monitor goals• Evaluation of comparisons and determination of next steps• Due to gap in State and Local Assessments, we will use a two year comparison of data
2021-2022	<ul style="list-style-type: none">• Professional Development• Collection of relevant data from ILEARN, IREAD3, iReady Math, Harmony, mClass, and Local Assessments• Evaluation of current goals and completion of necessary revisions• State and Local Assessments will show a two year gap which will show achievement levels to be lower in comparison to a year to year growth score.
2022-2023	<ul style="list-style-type: none">• Professional Development• Collection of relevant data from College and Career Readiness, IREAD3, iReady Math, Harmony, mClass, and Local Assessments• Evaluation of current goals and completion of necessary revisions• Achievement goals will have a year to year comparison